

About this document

This document is a supplement to Meridian 1 NTPs and provides the information specific to system options 21E, 51, 51C, 61, 61C, 71, 81, and 81C as well as NT and XT system implementations of the Carrier Remote IPE feature.

Meridian 1 Carrier Remote IPE system complies with Part 68 of the United States Federal Communication Commission (FCC) rules. For detailed information, refer to *Appendix B: FCC Rules, Part 68* in this document.

It describes the operation of the carrier equipment and provides specific information on how to install and maintain this equipment as an integral part of the PBX systems and system options. Carrier Remote IPE equipment configuration is identical to the equivalent standard equipment in Meridian 1. However, there are some additional carrier specific commands that can be executed using the man machine interface (MMI) terminal to specifically control carrier equipment.

The following describes what you will find in this document:

Product description describes the Carrier Remote IPE functional and physical characteristics, general engineering guidelines, and planning and ordering information.

Installation and configuration steps you through preparing the site, installing carrier interface equipment at the local system site and the Carrier Remote IPE site, and connecting the local and the remote site to the T1 or E1 carrier links.

Acceptance testing describes how to perform some functional tests to verify that the installed Carrier Remote IPE feature is operating correctly.

Maintenance describes how to perform routine administrative and maintenance functions and how to troubleshoot the Carrier Remote IPE equipment and the carrier link connections. It explains how to isolate problems, fix or replace defective equipment, and verify that the equipment is operating correctly after corrections or replacements have been made.

Appendix A lists messages generated by the system CPU and the remote carrier equipment. These messages indicate the status of the equipment and identify a faulty component when problems occur.

Appendix B provides general information about FCC Rules, Part 69 supplied to the user as required by the FCC.

Appendix C provides connection diagrams at the local and remote sites and connector pin assignments for all external connectors that connect carrier links, the TTY terminal, the SDI port, and the external alarms.

This document provides detailed information on how to install, configure, and maintain the carrier equipment. However, it also references various NTPs, which contain additional information that may be required when installing and maintaining the Carrier Remote IPE.

References

The following is a list of documents that are referenced in this document for additional information:

- *Meridian 1 installation planning* (553-3001-120)
- *Meridian 1 system engineering* (553-3001-151)
- *Meridian 1 power engineering* (553-3001-152)
- *Meridian 1 system installation procedures* (553-3001-210)
- *X11 features and services* (553-3001-305)
- *X11 input/output guide* (553-3001-400)